

# Webitel

[Call Detail Record](#) . ( , ), [elasticsearch](#). [REST API](#)., ? ? ? .

## Scroll

, [elasticsearch](#) [scroll](#), [REST API](#) . :

### webitel\_scroll\_request.json

```
{
  "scroll" : "5m",
  "limit": 1000,
  "sort": {
    "created_time": {
      "order": "desc",
      "unmapped_type": "boolean"
    }
  },
  "index": "cdr-a",
  "query": "*",
  "columns": [
    "created_time",
    "uuid",
    "direction",
    "duration"
  ],
  "filter": [
    {
      "bool": {
        "must": [
          {
            "range": {
              "created_time": {
                "gte": "now/w",
                "lte": "now"
              }
            }
          }
        ]
      }
    }
  ]
}
```

2 :

- **scroll** -
- **limit** -

, [REST API](#), **cURL**:

```
curl -s -L -XPOST \
-H 'Content-Type: application/json' \
-H 'X-Access-Token: ciOiJIUzI1NiJ9.jEyM2UxNThjLWVkbzZMcTNDawI'\
"https://pre.webitel.com/engine/api/v2/cdr/text" -d@webitel_scroll_request.json
```

, **limit** , **\_scroll\_id**:

**scrollId** .:

```
curl -s -L -XPOST \
-H 'Content-Type: application/json' \
-H 'X-Access-Token: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6I9.IjKpitL050LjUpPeUQyd4E'\
"https://pre.webitel.com/engine/api/v2/cdr/text/scroll" -d '
{
  "scroll": "5m",
  "scrollId": '____'
}'
```

, bash, cURL jq CSV:

```
#!/bin/bash
#
rm cdr.csv

tmpfile=$(mktemp /tmp/scroll.XXXXXX)
scroll_id=$(curl -s -L -XPOST \
-H 'Content-Type: application/json' \
-H 'X-Access-Token: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6IjEyM2UxNThjLWVhbnZmNDAzOC1hOWExLTA5Y2MxZjk4ZDZmYSIsImV4cCI6MTU0OTQ5MDQwMDAwMCwiZCI6IndlYm10ZWwuZmZlYXZBpYWguY29tIiwidCI6ImRvbWFPbiIsInYiOiJ9.IjK6qlra6umlZJ0_gJImkNcZUpitL050LjUpPeUQyd4E'\
"https://pre.webitel.com/engine/api/v2/cdr/text" -d@webitel_scroll_request.json | tee >(jq -r '.hits.hits[.fields | [.created_time[], .uuid[], .direction[], .duration[]] | @csv' >>cdr.csv) >(jq '.hits.hits | length' >${tmpfile}) | jq ._scroll_id)
size=$(cat ${tmpfile})
total=$size

while [ $size -ge 1000 ]
do
  size=$(curl -s -L -XPOST \
-H 'Content-Type: application/json' \
-H 'X-Access-Token: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6IjEyM2UxNThjLWVhbnZmNDAzOC1hOWExLTA5Y2MxZjk4ZDZmYSIsImV4cCI6MTU0OTQ5MDQwMDAwMCwiZCI6IndlYm10ZWwuZmZlYXZBpYWguY29tIiwidCI6ImRvbWFPbiIsInYiOiJ9.IjK6qlra6umlZJ0_gJImkNcZUpitL050LjUpPeUQyd4E'\
"https://pre.webitel.com/engine/api/v2/cdr/text/scroll" -d '
{
  "scroll": "5m",
  "scrollId": '${scroll_id}'
}' | tee >(jq -r '.hits.hits[.fields | [.created_time[], .uuid[], .direction[], .duration[]] | @csv' >>cdr.csv) | jq '.hits.hits | length')
  echo $size
  total=$(( $total + $size ))
done

echo "$total - done"

rm $tmpfile
exit 0
```

webitel\_scroll\_request.json .

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